

The seal of the State of Indiana is a circular emblem. It features a central scene with a Native American figure holding a bow and arrow, standing next to a large tree. A sun with rays is positioned above the figure. The words "SEAL OF THE STATE OF INDIANA" are inscribed around the top inner edge of the circle, and the year "1816" is at the bottom. The seal is rendered in a light gray, semi-transparent style.

# **Indiana Biobased Products Advisory Commission Summary Report**

July 2008

# Indiana Biobased Products Advisory Commission

## Membership Roster

Dr. Andrew Hsu  
Chair

*Richard Lugar Center for Renewable Energy, IUPUI*

Larry Grider  
*Engro LLC*

Dr. Michael Ladisch  
*Purdue University*

John Land  
*Cole Hardwoods*

Ronald Meeusen, Ph.D.  
*MidPoint Food and  
Ag Fund LP*

Richard Slayton  
*Indiana Furniture*

Robert Wease  
*Design, A2SO4*

Ryan West  
*Indiana Soybean Alliance/  
Indiana Corn Marketing Council*

Matt Williams  
*The Nature Conservancy*

## Staff

Elisha Modisett  
Legislative Liaison, Indiana State Department of Agriculture

Sarah Fritz  
Governor's Fellow

*A copy of this report is available on the Internet. This report and other documents for this Commission can be accessed from the Indiana State Department of Agriculture homepage at [www.in.gov/isda](http://www.in.gov/isda).*

## **I. Statutory Directives**

The General Assembly enacted HEA 1281 in 2007 creating the Biobased Products Advisory Commission. The nine member Commission's duties and goals are as follows:

- a. Recommend short term and long term policy and commercialization strategies to the Governor and the General Assembly, outlining overall state goals, actions, and strategies to:
  - 1. promote the development and use of biobased products in an environmentally sound manner; and
  - 2. position Indiana as a national leader in manufacturing biobased products.
- b. Propose the means by which the goals can best be achieved through federal and state programs, integrated planning, and regional cooperation.
- c. Identify mechanisms to encourage and support private sector initiatives to develop biobased products.
- d. Advise on policies at the state and national level to support:
  - 1. development of biobased products; and
  - 2. development and support of new and expanding biobased product markets.

The Commission shall report its findings and recommendations to the Governor and, in an electronic format to the General Assembly. The Commission's report must do the following:

- a. Cover a broad spectrum of biobased products.
- b. Include the following:
  - 1. A description of priorities for research, development, demonstration, and investments in Biobased products.
  - 2. A current list of federal research programs and funding relating to biobased products.
  - 3. Proposals for using the existing authority of state government to encourage the adoption and use of biobased products.
  - 4. Any recommendations for legislation to modify existing authority or create new authority for state government to encourage the adoption and use of biobased products.

The Commission expires July 1, 2008.

## **I. Executive Summary**

The nine-member commission met every two weeks over a four month span to study the issue of biobased products, also known as bioproducts. Although the charge specified that the study of bioproducts did not include the use of feed, fuel or other energy related products, it is the opinion of the Commission that biofuels will be the largest bioproduct. Support and incentives are still needed to nurture this fledgling industry and all the recommendations below should also apply to the biofuel industry. Therefore, the Commission has defined bioproducts, for the purposes of the Commission's discussions and recommendations, as those products that can replace petroleum products and other non-renewable fossil fuel derived products.

Indiana is already well positioned to become a major leader in the development and production of biobased products. State government should capitalize on its current resources and take a leadership role in promoting bioproduct research, regulation, commercialization, financing, education and outreach. This can also be accomplished through partnerships with commodity groups and universities.

Supplemented within this report is a list of already approved bioproducts from the USDA BioPreferred<sup>SM</sup> Program along with a list of bioproducts submitted by Commission members. This list is for illustrative purposes only and is by no means an exhaustive compilation of all bioproducts. New bioproducts are constantly being developed. In addition, USDA continues to approve more bioproducts as they become available.

## **II. Summary of Each Meeting's Work**

The following is a summary of the Commission's work. The minutes of each meeting of the Commission and this report are available at <http://www.in.gov/isda/3082.htm>.

The first meeting was held at the offices of the Indiana State Department of Agriculture on March 7, 2008. The Commission was introduced to the charges included in HEA 1281 and what the members were required to include in the final report. They discussed what was considered a biobased product and whether or not that included biofuels and other energy related items. The statute defined biobased products for the purposes of the Commission as a product "produced from plant or animal sources; and that would otherwise be produced from petroleum based sources." It does not include "food, feed, or fuel and other energy related products." (HEA 1281-2007). The members were charged with compiling a list of biobased products that each person was familiar with from their respective fields and provide it for the members at the next meeting.

The second meeting was held at the offices of the Indiana State Department of Agriculture on April 4, 2008. The Commission learned about the USDA BioPreferred<sup>SM</sup> Program that has created a catalogue of biobased products approved by USDA. < <http://www.biopreferred.gov/Catalog.aspx> >. The Commission discussed the need to focus on both Indiana government buying biobased products as well as getting the federal government to purchase biobased products from Indiana companies. This involves getting

current Indiana companies USDA certified as well as finding mechanisms to get the state to purchase the products. The Commission took on the task of creating a discussion sheet of these topics for the next meeting and finding possible revenue sources to assist in these areas.

The third meeting was held at the offices of the Indiana State Department of Agriculture on April 25, 2008. The Commission discussed ways to promote the purchasing and use of biobased products in state government. The members discussed various incentives for procurement of biobased products. They also considered how to assist Indiana biobased product companies to market and promote their products beyond government sells.

The fourth meeting was held at the offices of the Indiana State Department of Agriculture on May 9, 2008. The Commission discussed potential policies to attract biobased companies to Indiana and increase economic development opportunities for the industry. The Chair asked each member to bring their list of recommendations to the next meeting for all members to discuss. A presentation by the Indiana Department of Natural Resources – Division of Forestry was also given on the certification of hardwoods in Indiana.

The fifth meeting was held at the offices of the Indiana State Department of Agriculture on May 23, 2008. The Commission discussed again the inclusion of biofuels within the context of biobased products. The members agreed that it was difficult to separate the two industries because of the overlap in feedstock sources and by-products. The Commission discussed each member's list of recommendations and submitted them to staff for Commission approval at the next meeting.

The sixth meeting was held at the offices of the Indiana State Department of Agriculture on June 6, 2008. The Commission discussed the outline of the final report and made edits and corrections to include in the final draft. The members also reviewed the list of soy and corn based products provided by the Indiana Soybean Alliance/Indiana Corn Marketing Council.

The final meeting was held at the offices of the Indiana State Department of Agriculture on June 20, 2008. The Commission made finishing changes to the report. The final report was approved by a vote of 8-0.

### **III. Commission Recommendations**

The Commission made the following recommendations:

*Short term/long term policies and commercialization strategies to promote development and use of biobased products positioning Indiana as national leader in manufacturing of biobased products.*

- Offer a state and/or local sales tax credit for industries that use construction products listed in the USDA's BioPreferred catalogue of approved bioproducts.
- Indiana is already well-positioned to be a national leader in bioproducts with our current assets. Focused efforts need to be made on promoting the state's positive business and policy climate that can be leveraged by the bioproducts industry. Indiana needs a high-level, connected "champion" for all things related to the bioproducts industry. A coordinated effort by the Indiana Economic Development

Corporation, Indiana State Department of Agriculture and the Governor can help promote the state's toolbox of assets as a good environment for the production and manufacturing of bioproducts in the country.

- Develop and implement public education and outreach programs in support of the bioproduct industry by fostering collaboration among Indiana companies and universities active in research and development of biobased products, particularly those companies using raw materials originating in Indiana.
- Encourage innovation in bioproducts development and manufacturing processes by allocating funding resources available through the Indiana Economic Development Corporation
- Promote markets for biobased products through partnerships with state agencies and commodity groups.
- Focus on establishing the private classified forests and state forests initiative to encourage those owners to become FSC/SFI Certified which will increase demand of Indiana's eligible acreage for tax savings and use of Indiana hardwoods as biobased products.

*Means to achieve the previous recommendation either through federal programs, state program, integrated planning and/or regional cooperation.*

- Promote USDA's BioPreferred<sup>SM</sup> Program and encourage participation by state agencies to procure the listed bioproducts.
- Establish a Bioproducts Development Project Manager within the Indiana Economic Development Corporation who can champion the effort to attract biobased companies to Indiana and provide business incentives available through the state.
- Encourage amending the Leadership in Energy and Environmental Design (LEED) Green Building Rating System<sup>TM</sup> language to include additional credits for the use of biobased products [LEED-2.2 October 2005].
- Provide Indiana Department of Administration and other state procurement authorities with lists of Indiana companies that provide Indiana manufactured biobased products for priority in purchasing. (*see addendum for list of hardwood companies*)
- Promote Indiana Hardwoods logo and brand as a marketing tool to showcase these types of biobased products.

*Any possible mechanisms to encourage and support private sector initiatives to develop biobased products.*

- Establish within the 21<sup>st</sup> Century Fund, administered by the Indiana Economic Development Corporation, a Bioproducts Initiative that allocates funds specifically to the innovation and development of biobased products in the state. Focus should be given to the development of biobased products made from no to low use value byproducts.
- Offer low cost loans for Indiana companies that manufacture and/or market bioproducts.

*Description of priorities for research, development, demonstration and investments in biobased products.*

- Biofuels can be a starting point for many downstream biobased products but a priority should be made in focusing on the by-products from the creation of biofuels. Continued investment and development of biofuels will lead to avenues of creating additional biobased products.
- Encourage universities to make a priority of studying and researching ways to utilize low to no-value products that are readily available in Indiana that can be developed into bioproducts.

*Current list of federal research programs and funding available.*

- Under the 2002 Federal Farm Bill, USDA was required to create a BioPreferred<sup>SM</sup> Program. The program coordinators have put together a website that serves as a resource for producers of biobased products, federal agencies required to purchase them, and others interested in renewable products. It includes information on submitting products for designation, instructions on meeting requirements to purchase biobased materials, and many other useful topics. The website can be found at [www.biopreferred.gov](http://www.biopreferred.gov).
- The BioPreferred<sup>SM</sup> website also contains a catalog of bioproducts that have been approved by USDA. Each product within a category was evaluated against its non-biobased counterpart for cost effectiveness, accessibility and performance. As new items are identified and new information is collected from manufacturers, the designation matrix used to evaluate items will be modified. The first round of items have been approved and there are five more rounds of items currently going through the approval process. This database catalogue can be used by the State of Indiana as a source of potential biobased products from which to purchase.
- The USDA BioPreferred<sup>SM</sup> Program does not provide funding for the production of biobased products. This program's goal is to gather information on currently available biobased products and generate the designation rules from that information.
- Under the 2008 Federal Farm Bill, the USDA BioPreferred<sup>SM</sup> Program was continued and expanded. A new initiative was created called the Biomass Research and Development Initiative under which competitively awarded grants, contracts, and financial assistance will be provided to eligible entities to carry out research on and for development and demonstration of biofuels and biobased products. The State should work to capitalize on this initiative by encouraging eligible entities, which include higher education institutions, private sector entities, nonprofit organizations, and state research agencies, to seek these opportunities.

*Proposal for using existing state government authority to encourage adoption and use of biobased products and any possible legislation needed to do so.*

- The State has established already a price preference system for procuring items that it has deemed important in promoting the economy, the environment, and the nation. These preferences give advantage to these certain types of businesses and

products. Therefore, the Commission recommends that a five percent pricing preference should be given to all biobased products procured by the state. In addition, this pricing preference should be allowed to be used in conjunction with any other price preference in which the product might qualify. Currently, a business or product is only allowed to claim one pricing preference even if they are eligible for more.



## **List of Approved Bioproducts from USDA**

<http://www.biopreferred.gov/Catalog.aspx>

*(As of July 1, 2008)*

Penetrating Lubricants	Composite Panels -	Bathroom and Spa
Hydraulic Fluids -	Structural Interior	Cleaners
Mobile Equipment	Panels	Laundry Products -
Bedding, Bed Linens,	Fluid-Filled	Pretreatment/Spot
and Towels	Transformers -	Removers
Diesel Fuel Additives	Vegetable Oil-Based	Firearm Lubricants
Roof Coatings	Greases - Multipurpose	Metalworking Fluids -
Water Tank Coatings	Hydraulic Fluids -	General Purpose
Hand Cleaners and	Stationary Equipment	Soluble, Semi-
Sanitizers - Hand	Films - Semi-Durable	Synthetic, and
Cleaners	Films	Synthetic Oils
Disposable Containers	Lip Care Products	De-Icers - General
Sorbents	Greases - Rail Track	Purpose
Composite Panels -	Films - Non-Durable	Metalworking Fluids -
Plastic Lumber	Greases - Truck	Straight Oils
Plastic Insulating Foam	Glass Cleaners	Metalworking Fluids -
for Residential and	Carpets	High Performance
Commercial	Carpet and Upholstery	Soluble, Semisynthetic,
Construction	Cleaners - General	and Synthetic Oils
Fertilizers	Purpose	Wood and Concrete
Fluid-Filled	Dust Suppressants	Sealers - Membrane
Transformers -	Greases - Food Grade	Concrete Sealers
Synthetic Ester-Based	Greases	Industrial Cleaners and
Adhesive and Mastic	Disposable Cutlery	Solvents
Removers	2-Cycle Engine Oils	Household Cleaners
Graffiti and Grease	Carpet and Upholstery	Gear Lubricants
Removers	Cleaners - Spot	Multi-Purpose Cleaners
Hand Cleaners and	Removers	Parts Wash Solutions
Sanitizers - Hand	Floor Strippers	Chain and Cable
Sanitizers	Wood and Concrete	Lubricants
Composite Panels -	Sealers - Penetrating	Food Cleaners
Acoustical	Liquids	Forming Lubricants
Composite Panels -	Laundry Products -	Corrosion Preventatives
Interior Panels	General Purpose	Paint Removers
Composite Panels -	Concrete and Asphalt	Disposable Tableware
Structural Wall Panels	Release Fluids	Personal Insect

Repellents  
Water Turbine Bearing  
Oils  
Metal Cleaners  
Gasoline Fuel  
Additives  
Multi-Purpose  
Lubricants  
Ink Removers and  
Cleaners  
Specialty Precision  
Cleaners and Solvents  
Expanded Polystyrene  
Foam Recycling  
Products  
Hair Cleaning Products  
Dishwashing  
Detergents  
Microbial Cleaners  
Floor Cleaners and  
Protectors  
Thermal Shipping  
Containers  
Oven and Grill  
Cleaners  
Concrete and Asphalt  
Cleaners  
Slide Way Lubricants  
Bath Products  
Corrosion Removers  
Air Fresheners and  
Deodorizers  
Furniture Cleaners and  
Protectors  
Paints and Coatings  
(Interior)  
Automotive Care  
Products  
Electronic Components  
Cleaners  
Sanitary Tissues

Candles and Wax Melts  
Inks (Specialty)  
Packaging Materials  
Asphalt and Tar  
Removers  
Erosion Control  
Sewage System  
Maintenance Products  
Blast Media  
Bioremediation  
Materials  
Facial Care Products  
Aircraft Cleaners  
Animal Repellents  
Fuel Conditioners  
Lotions and  
Moisturizers  
Foot Care Products  
Cuts, Burns, Rashes  
and Skin Condition  
Ointments  
Papers (Printing and  
Writing)  
Leather, Vinyl, and  
Rubber Care Products  
Ag Spray Adjuvants  
Turbine Drip Oils  
Insecticides  
Engine Crankcase Oil  
Heat Transfer Fluids  
Mulch and Compost  
Lithographic Offset  
Inks (Sheet fed)  
Herbicides  
Fungicides  
Wood and Concrete  
Stains  
Topical Soreness Relief  
Insect Control Products  
Asphalt Restorers

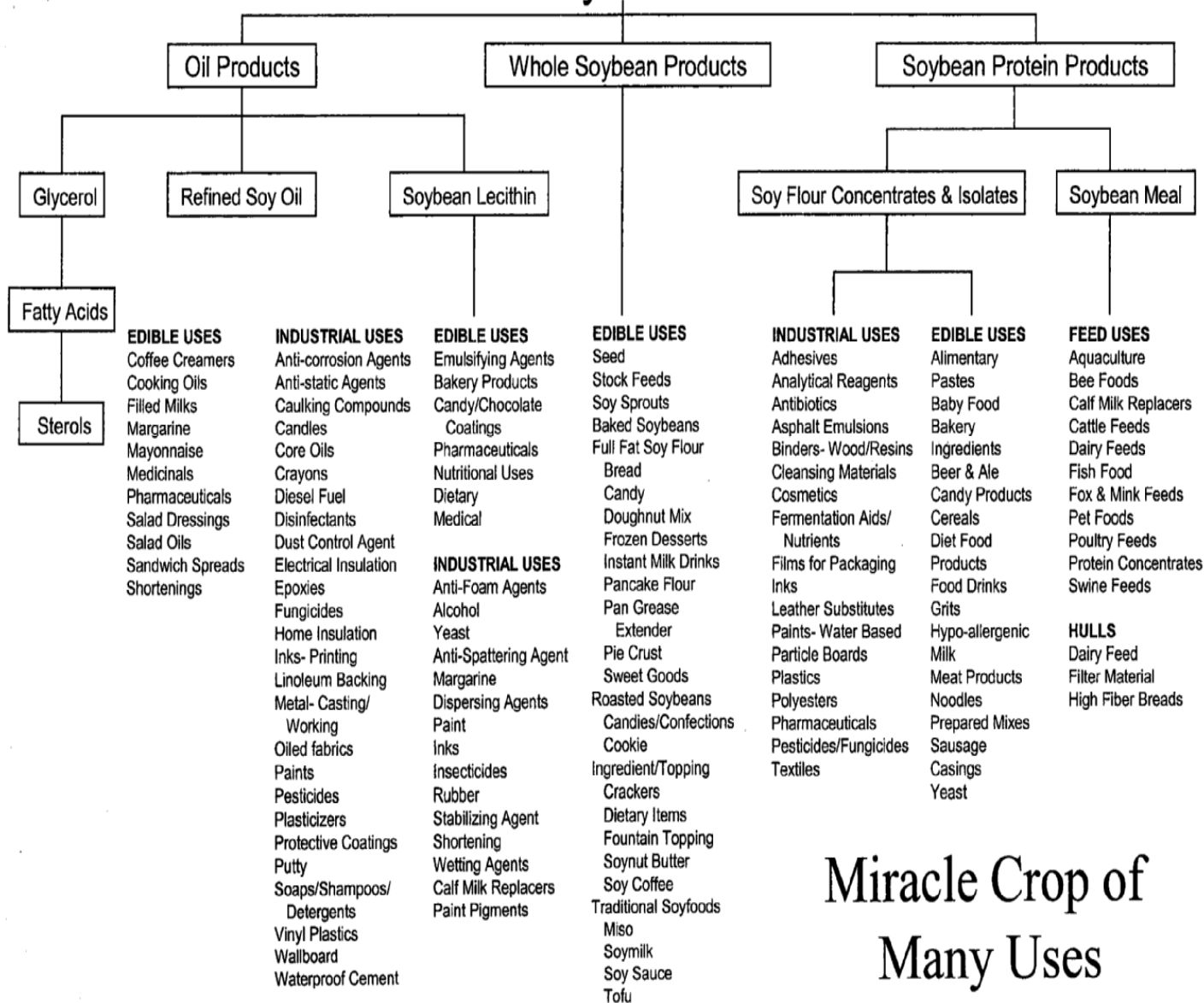
Compost Activators  
and Accelerators  
Adhesives  
Biodegradable Foams  
Lithographic Offset  
Inks (News)  
Shipping Pallets  
Sun Care Products  
Rock Drill Oil  
Pond and Aquarium  
Cleaners  
Deodorant  
Cosmetics  
Lavatory Flushing  
Fluid  
Animal Care Products  
Floor Coverings (Non-  
Carpet)  
Building Materials  
Wastewater Systems  
Coatings  
Hair Styling Products  
Dethatchers  
Massage Oils  
Paints and Coatings  
(Exterior)  
Machine Oils  
Women's Health  
Products  
Plastic Products  
Clothing  
Total-Loss Lubricants  
Rope and Twine  
Fuel Oil  
Aquaculture Products  
Polyurethane Coatings  
Solid Fuel Additives  
Lab Chemicals  
Transmission Fluids

Hair Removal Products  
Fire Retardants  
Marine Products  
Durable Foams  
Interior Wall and  
Ceiling Patch  
Printing Chemicals  
Filters  
Fiber-Based Furniture  
Air Tool Lubricants  
Other  
Power Steering Fluids  
Woven Fiber Products  
Toys  
Sealants  
Oral Care Products  
Lithographic Offset  
Inks (Heatset)  
Concrete Curing

Agents  
Aromatherapy  
Artistic Supplies  
Intermediate  
Feedstocks  
Shaving Products  
Body Powders  
Fingernail/Cuticle  
Products  
Industrial Enamel  
Coatings  
Papers (Non-Writing)  
Fire Starters  
Concrete Repair Patch  
Biobased Pallets  
Soil Conditioners  
Durable Tableware  
Allergy and Sinus  
Relievers

# Look Where Soybeans Go...

## Soybeans

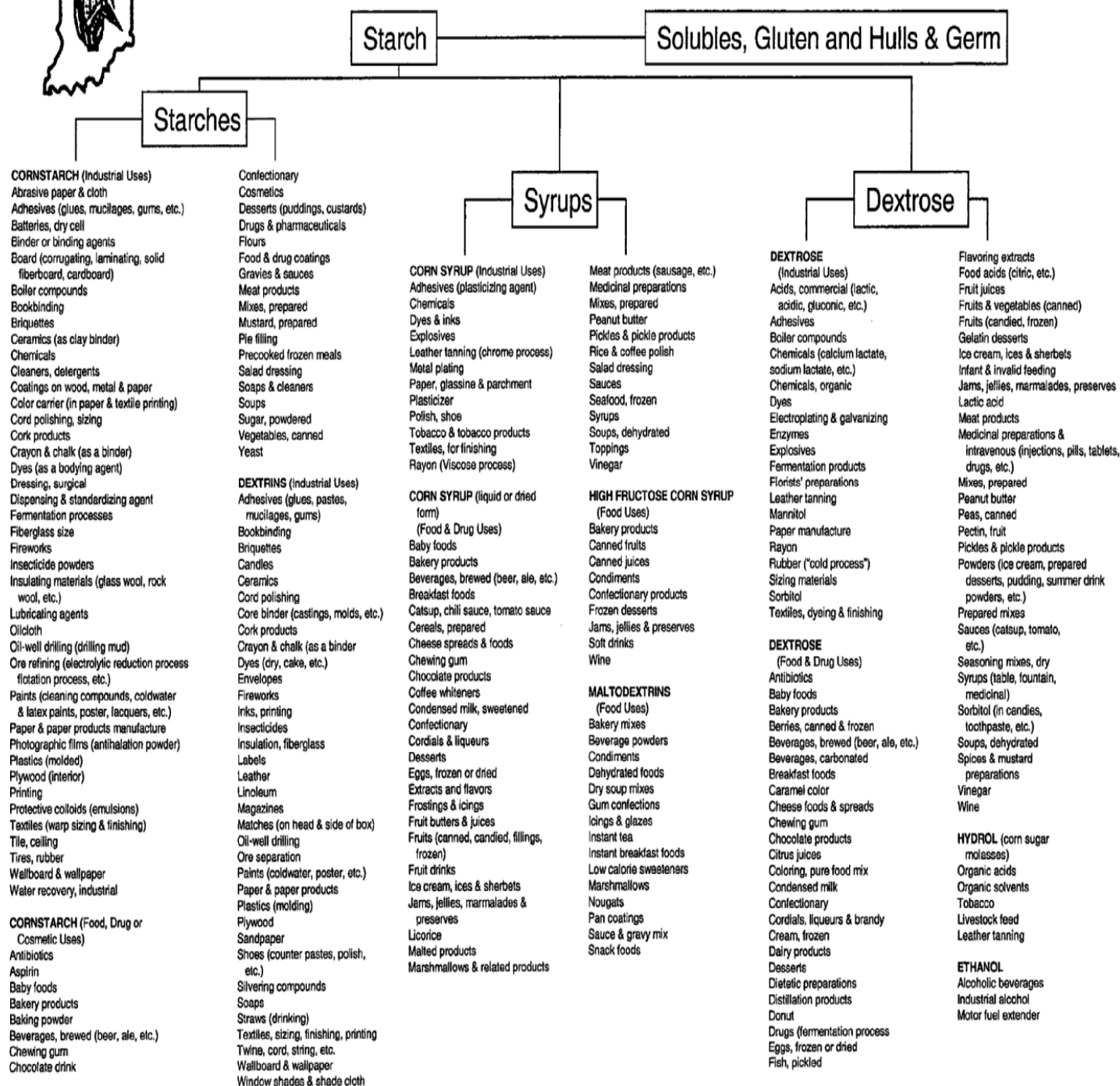


Miracle Crop of  
Many Uses

Source: Indiana Soybean Alliance



# Look Where Corn Goes...



Source: Indiana Corn Marketing Council

# Indiana Bio-Mass Wood Products

Product	Process	Efficiency percentage	Waste products	Possible waste use
Timber harvesting	Logging	40%	limbs, tops, cut-offs	Particleboard, pulp, firewood, industrial chips
Veneer (9-slicing mills in Indiana)	Slicing	60%	Bark Lumber Backer boards Veneer trims	mulch lumber lumber, crating, flooring particleboard, pulp, mulch, fuel
Panels	Layup, machining	_____	Sawdust	compost, fuel pellets
Lumber	Sawing	50%	Bark	mulch
Railroad ties	Sawing	_____		
Barrel Staves	_____	_____	scrap wood	particleboard, pulp, mulch, fuel, pellets
Secondary Plants	_____	_____	Sawdust scrap wood	particleboard, pulp, mulch, fuel, pellets
Furniture, cabinets, etc Pallets Flooring, Millwork Manufactured homes				
Particleboard	Chipping	80%	Sawdust	compost, fuel pellets
Pulp & Paper	Chipping	80%	Lignin	
Other fibers	_____	_____	_____	Engro golf towels of pine fiber
Mulch	Grinding	100%	_____	
Compost	Grinding	100%	_____	Methanol
Fuel	raw or pellets	_____	_____	for grain drying, ethanol production, heating

**Sources:**

*Forests of Indiana: Their Economic Importance 2004, USDA, Forest Service (Stephen Bratkovich, et al)*  
*Indiana's Hardwood Industry, It's Economic Impact, Indiana Dept. of Natural Resources, Div. of Forestry (2007)*  
*Indiana Hardwood Lumbermen's Association Membership Directory, 2007-2008*  
*FDM Woodworking Industry Directory Source, May 2007*

**Indiana Hardwood Companies**  
**(listed by product)**

**Timber Harvest**

4 US MGT, Morgantown, IN	Kiwi Logging & Hardwoods, Albion, IN
Allen Logging, Carlisle, IN	Koppers, Sellersburg, IN
Amos-Hill Associates, Edinburg, IN	Leiberling Lumber & Logging, Ferdinand, IN
Andis Logging, Paoli, IN	Loggers, Clay City, IN
Baird Sawmill, Rockville	M. Clayton Coleman, Liberty, IN
Baker Forest Company, Akron, IN	MacBeth Hardwood, Edinburg, IN
Baxter Lumber, Deputy, IN	McDaniel Logging, Newburgh, IN
Beech Creek Tree Farm, Bloomington, IN	Michael Coomes Logging, Evansville, IN
Blue Ox Logging, Bloomington, IN	Middleton's Sawmill & Logging, Pekin, IN
Blue River Timber, Corydon, IN	Mid-State Timber LLC, Martinsville, IN
Buchan Logging, New Haven, IN	Midwest Logging & Veneer, Martinsville, IN
C.C. Cook & Son Lumber, Reelsville, IN	Mitchell Veneer, Sellersburg, IN
C.S. Bond Forest Management, Springville, IN	Moore Logging, Ligonier, IN
Clayton Morgan Logging, Hillsboro, IN	Napoleon Hardwood, Inc, Napoleon, IN
Crone Lumber, Martinsville	Nelson's Consulting Forestry, Lizton, IN
D&G Timber, Odon, IN	Oak Grove Farm, Atlanta, IN
David Buchanan, English	O'Neal Wood Products, Martinsville, IN
David R. Webb, Edinburgh	PalletOne of Indiana, Shipshewana, IN
Davidson HQS, Spencer, IN	Paul Borgman Logging, Osgood, IN
DeKalb Forest Products, Bulter, IN	Peru Timber, Mooresville, IN
DeWayne Salvage, Georgetown, IN	Pete Halstead, Linton, IN
DMRAY Sawmill, Inc, Hardinsburg, IN	Pike Lumber Co, Akron, IN
Donald Foley, Greenwood	Pingleton Sawmill, Inc., Greencastle, IN
Eastern Red Cedar Products, Marengo, IN	Quality Hardwood Products, North Manchester, IN
E-H Logging Trucking, Batesville, IN	R. Allan Hodges, Farmersburg, IN
Fibertech, Mitchell, IN	R. Booe & Sons Hardwoods, Brazil, IN
Fields Custom Cutting, Morgantown, IN	R.E. Casebeer & Sons, Spencer, IN
Foley Hardwoods, Bargersville, IN	Ray's Wood Products, Martinsville, IN
Forest Management Services, Terre Haute, IN	Reynolds Logging, Medora, IN
Frank Miller Lumber, Union City, IN	Robert Woodling Timber, Unionville, IN
Frick Lumber Co, Brimfield, IN	Ron Martin Logging, Morgantown, IN
Gary Emberton, Morgantown, IN	Shouse Sawmill, Monroe City, IN
Green Farms, Mitchell, IN	Stanley Reeves, Bloomington, IN
Harmony Ridge Forest Products, Medora, IN	Sugar Ridge Timber, Clay City, IN
Hollingsworth Lumber, Russiaville, IN	T.R. Brandon Export CO., Anderson, IN
Hope Hardwoods, Hope, IN	Thiesing Veneer Co., Mooresville, IN
Jasper Veneer Mills, Jasper, IN	Timber Management, Mauckport, IN
Jeff Hall's Logging, Floyd Knobs, IN	Timberlands, Bargersville, IN
John Wooley Lumber CO, Mooresville, IN	Werner Sawmill, Jasper, IN
Kester Logging, Reelsville	Westville Logging, La Porte, IN
Kinser Timber Products, Gosport, IN	Willard Freeman, Indianapolis, IN

## Veener

Bill Shull, Columbia City, IN  
Danzer North American, Edinburgh, IN  
Hoosier Veneer LLC, Trafalgar, IN  
Indiana Veneers Corp, Indianapolis, IN  
Marwood, Inc, Jeffersonville, IN

Miller Veneer, Indianapolis, IN  
Norstam Veneers, Inc, Mauckport, IN  
Stemwood, New Albany, IN  
Thiesing Veneer Co, Mooresville, IN  
Wertz Timber and Veneer, LLC, Franklin

## Veener Faces

Dieter K. H. Johnson, Inc, Aurora, IN  
Flexible Materials, Jeffersonville,, IN  
Formwood Industries, Jeffersonville, IN  
Heitink Veneers Inc, Bloomington, IN  
Heritage Hardwoods, Jeffersonville, IN  
Hi-Tech Veneers, Jeffersonville, IN

Hoosier Veneer LLC, Trafalgar, IN  
Marwood, Inc, Jeffersonville, IN  
Mitchell Veneer, inc, New Albany, IN  
SR Wood Inc, Clarksville, IN  
Superior Veneer, New Albany, IN  
Wood Mosaic, Jeffersonville, IN

## Panels

Bill Cramer Veneer, New Albany, IN  
EM Cummings, New Albany, IN  
Flexible Materials, Jeffersonville, IN  
Formwood Industries, Jeffersonville, IN  
Heitink Veneers Inc, Bloomington, IN  
Hi-Tech Veneers, Jeffersonville, IN

Indiana Architectural Plywood,  
Panel Processing of Indiana, Merrillville, IN  
SR Wood Inc, Clarksville, IN  
Styline, Huntingburg, IN  
Superior Veneer, New Albany, IN

## Lumber

Cole Hardwood Inc, Logansport, IN  
Aetna Plywood, Indianapolis, IN  
Andis, Logging, Paoli, IN  
Banks Hardwoods, Elkhart, IN  
Bannish-Rickard Lumber, Sellersburg, IN  
Baxter Lumber, LLC, Deputy, IN  
Buchan Sawmill, New Haven, IN  
C.C. Cook & Son Lumber CO., Reelsville, IN  
Cowley's Lumber & Wood Products, Griffith, IN  
Crone Lumber CO., Martinsville, IN  
CTC Export, Inc, West Baden, IN  
Foley Hardwoods, Bargersville, IN  
Frank Miller Lumber Co, Union City, IN  
Frick Lumber Co, Brimfield, IN  
Hardwoods Specialty Products, Elkhart, IN  
Hollingsworth Lumber, Russiaville, IN  
Holmes & Co., Columbia City, IN  
Hope Hardwoods, Hope IN  
Indiana Hardwoods, Chandler, IN  
Indiana Woods Products, Inc, Middlebury, IN  
International Wood, Inc, Salem, IN  
Jackson Bros. Lumber Co, Linton, IN  
John M. Wooley Lumber Co, Inc, Martinsville  
Kinser Timber Products, Inc, Gosport, IN  
Kirkham Hardwoods, In, Terre Haute, IN  
Landmark Wood Products, English, IN  
Leiberger Lumber & Logging, Ferdinand, IN

Loggers, Clay City, IN  
MacBeth Hardwood Co, Edinburgh, IN  
Majestic Hardwood Lumber Sales, Inc, Valparaiso  
Maley & Wertz, Inc., Evansville, IN  
Napoleon Hardwood, Inc, Napoleon, IN  
Norstam Veneers, Inc, Mauckport, IN  
Northwest Lumber Co., Inc, Indianapolis, IN  
PalletOne of Indiana, Shipshewana, IN  
Paul H. Adkins Hardwoods, New Salisbury, IN  
Pike Lumber Co, Akron, IN  
Pingleton Sawmill, Inc., Greencastle, IN  
R. Booe & Son Hardwoods, Brazil, IN  
Richard Squier Pallet, Inc, Waterloo, IN  
Rockland Wood Products, LLC, Monon, IN  
Salem Hardwood Lumber Co, Salem, IN  
Saroyan Hardwoods, Inc, Pekin, IN  
Southern Indiana Hardwoods, Inc, Huntingburg, IN  
Specialty Hardwoods of Indiana, Plymouth, IN  
Superior Hardwoods, Montezuma, IN  
Trautmann Hardwoods, Carthage, IN  
Tri-State Hardwood Co, Inc, South Milford, IN  
Tri-State Timber, LLC, Bloomington, IN  
Walnut Street Hardwoods, Inc, South Bend, IN  
Westwood Lumber Inc, English, IN  
Wible Lumber, Inc, South Milford, IN  
Worley Lumber Co, Inc, Pekin, IN



### **Railroad Ties**

Indiana Hardwoods, Chandler, IN  
Kinser Timber Products, Inc, Gosport, IN  
Kirkham Hardwoods, In, Terre Haute, IN

Phil Etienne's Timber Harvest, St. Croix  
Superior Hardwoods, Montezuma, IN

### **Barrel Staves**

Blue River Wood Products, Salem, IN  
International Wood, Inc, Salem, IN  
JEG Wood Products, English, IN

### **Secondary Manufacturers (cabinets, furniture, etc.)**

Indiana Furniture, Jasper, IN  
Adorn, LLC, Elkhart, IN  
Alvey Woodworking, Derby, IN  
Batesville Casket, Batesville, IN  
Best Home Furnishings, Ferdinand, IN  
Blume Cabinet Co, Huntingburg, IN  
BWT Custom Woodworking, LLC, Jasper, IN  
Carrico Office Furniture, Huntingburg, IN  
DMI Furniture, Huntingburg, IN  
Dubois Wood Products, Huntingburg, IN  
Forest Products Mfg, Co, Jasper, IN  
Hurst Custom Cabinets, Huntingburg, IN  
Inwood, Jasper, IN  
Jasper Chair, Jasper, IN  
Jasper Desk, Jasper, IN  
Jasper Seating Co, (JSI), Jasper, IN  
JOFCO, Jasper, IN  
Kemp's Cabinets, Washington, IN  
Kimball International, Jasper, IN

Kitchen Jewels, Inc, Jasper, IN  
Knepp Brothers Woodworking, Montgomery, IN  
Larry Graber & Sons Cabinets, Montgomery  
M&W Custom Design Cabinets, Washington  
MasterBrand Cabinets, Jasper IN  
Meyer Custom Woodworking, Dubois, IN  
Miller Customer Hardwoods Inc, Wakarusa, IN  
Mobel, Inc., Ferdinand, IN  
OFS, Huntingburg, IN  
Othmar Klem Furniture, Saint Anthony, IN  
Paoli Furniture, Paoli, IN  
Paul R. Bean Co, Washington, IN  
Raber's Furniture, Montgomery, IN  
Schlotter Cabinets, Washington, IN  
Shamrock Cabinets, Ireland, IN  
Tater's Woodworking, Montgomery, IN  
UB Klem, Celestine, IN  
William Knepp Cabinets, Montgomery, IN

### **Pallets**

American Fibertech, Mitchell, IN  
Indiana Woods Products, Inc, Middlebury, IN  
J&J Pallet Corp, New Albany, IN  
Jackson Bros. Lumber Co, Linton, IN  
Kinser Timber Products, Inc, Gosport, IN

Kirkham Hardwoods, In, Terre Haute, IN  
Lovett Pallet Recycling, Indianapolis, IN  
Napoleon Hardwood, Inc, Napoleon, IN  
PalletOne of Indiana, Shipshewana, IN  
Richard Squier Pallet, Inc, Waterloo, IN

### **Flooring, Millwork**

Americana Hardwoods, Jasper, IN  
Hebron Hardwoods, Bloomington, IN  
Hollingsworth Lumber, Russiaville, IN  
Indiana Dimension, Inc, Logansport, IN  
Indiana Hardwood Mills, Martinsville, IN  
Indiana Hardwood Specialists, Spencer, IN  
International Wood, Inc, Salem, IN

Koetter Woodworking, Inc, Borden, IN  
MacBeth Hardwood Co, Edinburgh, IN  
Majestic Hardwood Lumber Sales, Inc, Valparaiso  
Miller Customer Hardwoods Inc, Wakarusa, IN  
Mould-Rite, Inc, Pekin, IN  
Wible Lumber, Inc, South Milford, IN

## **Manufactured Homes**

Admiration Builders, Middlebury, IN  
Commander Housing, Topeka, IN  
Commodore Homes, Goshen, IN  
Dutch Housing, LaGrange, IN  
Fairmont Homes, Inc, Nappanee, IN  
Four Seasons, Housing, Middlebury, IN  
Genesis Homes, Topeka, IN Fortune Homes,  
Div. of Dutch Housing, Wakarusa, IN  
Forest River Housing, Inc, Hart Housing,  
Wakarusa, IN

Sterling Homes, Wakarusa, IN  
Holly Park, Div. of IN Bldg Systems, LLC, Middlebury  
Liberty Homes, Inc, Goshen, IN  
Patriot Homes, Inc, Elkhart, IN  
Redman Homes of Indiana, Topeka, IN  
Rochester Homes of Indiana, Rochester, IN  
Skyline Corp, MH Div., Elkhart, IN  
Schult Homes/Crest Div., Middlebury, IN

## **Mulch**

Forest Commodities, INC, Martinsville, IN  
Greendell Mulch & Mix, Mooresville, IN  
Hollingsworth Lumber, Russiaville, IN  
Hope Hardwoods, Hope IN  
Kirkham Hardwoods, In, Terre Haute, IN  
Loggers, Clay City, IN  
McCurry Mulch, Indianapolis, IN

Napoleon Hardwood, Inc, Napoleon, IN  
PalletOne of Indiana, Shipshewana, IN  
Phil Etienne's Timber Harvest, St. Croix, IN  
Pike Lumber Co, Akron, IN  
Tiffany Lawn & Garden Supply, Inc, Indianapolis, IN  
Westwood Lumber Inc, English, IN

## **Fuel (raw, pellet)**

Koetter & Smith, Borden, IN  
Pike Lumber Co, Akron, IN  
Quality Hardwood Products, North Manchester,  
IN

## **Other Fibers**

J&J Pallet Corp, New Albany, IN

